



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: Unassigned

Examiner: Unassigned

In Re PATENT APPLICATION OF:

Applicant : Masaru TAKAISHI

Serial No. : 10/813,008

Filed : March 31, 2004

For : SEMICONDUCTOR DEVICE

Attorney Ref. : AI 330.

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) **INFORMATION**
) **DISCLOSURE**
) **STATEMENT**
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April 27, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is an Information Disclosure Statement submitted in compliance with the timing requirements of 37 C.F.R. § 1.97(b)(1), i.e. within three months of the filing date of the application.

Provided for the Examiner's consideration is an English-language statement of relevance of the Japanese patent publication No. 5-67001, which discloses as follows:

"A semiconductor chip 5 whose electrode terminals are respectively connected to one ends of lead portions 2 is encapsulated in a resin 1. Other ends of lead portions 2 are drawn out of the resin 1. A heat spreading block 3 is embed in the resin 1. An outer heat spreading plate 4 is joined to the heat spreading block 3".

The publication was previously submitted in the United States Patent and Trademark Office on March 31, 2004, with the Information Disclosure Statement filed with the application. Any further relevance of the publication may be gleaned from the statement of relevance. Also attached is Form PTO-1449 listing the publication and the statement of relevance.

Since this Information Disclosure Statement is being filed within three months of the filing date of the application, no certification or fee is required, and the requirements of 37 C.F.R. §§ 1.97 and 1.98 are deemed to be fully met as to all listed documents. Consideration of the listed document is respectfully requested.

Respectfully submitted,

Robert H. Berdo, Jr. (Reg. No. 38, 075)

RABIN & BERDO, P.C.

CUSTOMER NO. 23995

Telephone: (202) 371-8976

Telefax : (202) 408-0924

April 27, 2004

Date

FEE ENCLOSED: \$0
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				Atty. Docket AI 330		Application No. 10/813,008	
				Applicant Masaru TAKAISHI			
				Filing Date March 31, 2004		Group Unassigned	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub-Class	Translation
	AI	5-67001	09/03/93	JAPAN			
	AJ						
	AK						
	AL						
	AM						
	AN						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AO						
Examiner					Date Considered		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							